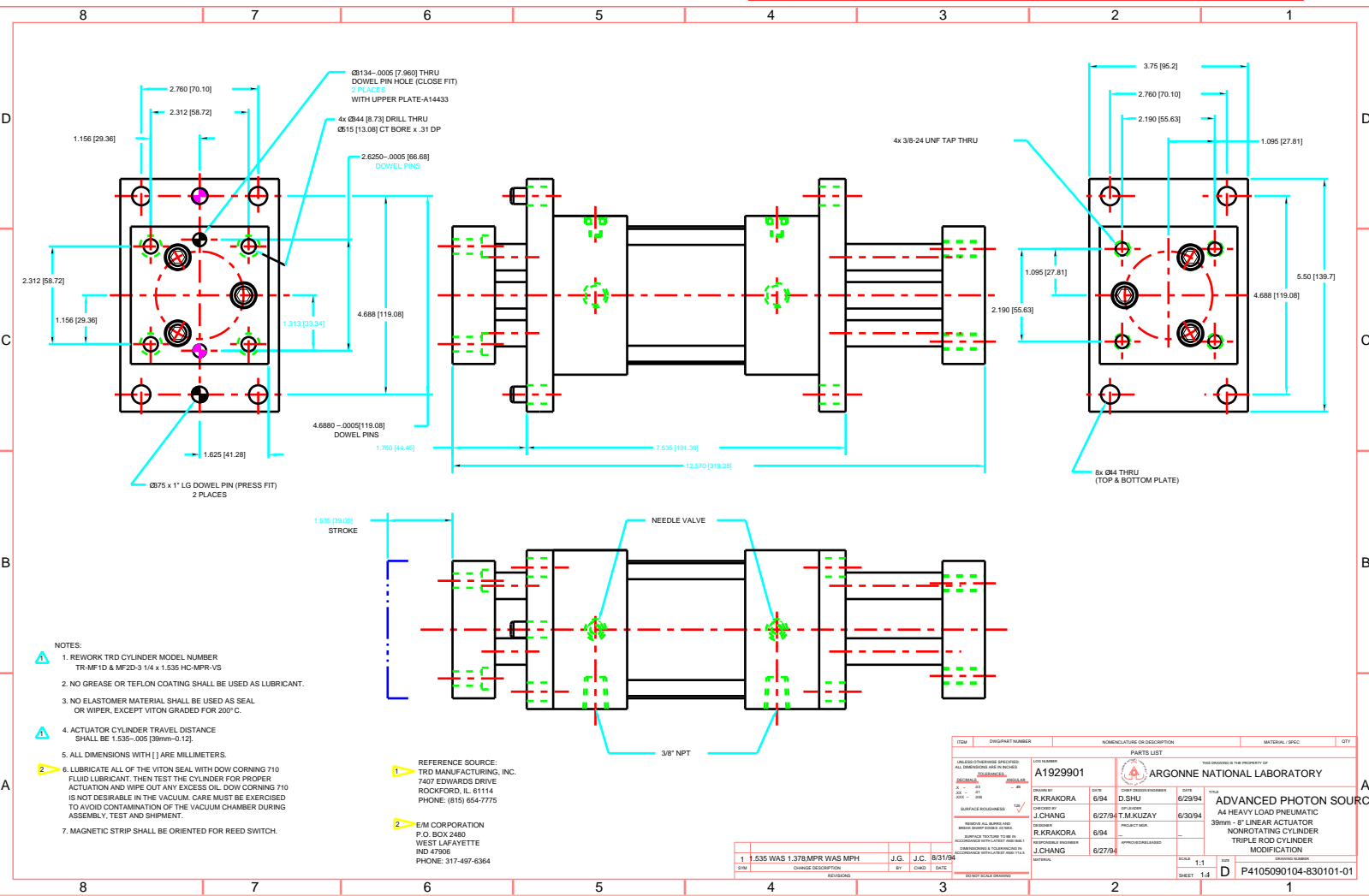


(D)	PLOT SCALE: 1=1	DWG. SCALE: 1	A1929901
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- NOTES:
1. REWORK TRD CYLINDER MODEL NUMBER TR-MPTD & MPTD-3 1/4 x 1.535 HC-MPR-VIS
  2. NO GREASE OR TEFLON COATING SHALL BE USED AS LUBRICANT.
  3. NO ELASTOMER MATERIAL SHALL BE USED AS SEAL OR WIPE, EXCEPT VITON GRADED FOR 200° C.
  4. ACTUATOR CYLINDER TRAVEL DISTANCE SHALL BE 1.535-.005 [39mm-0.12].
  5. ALL DIMENSIONS WITH [ ] ARE MILLIMETERS.
  6. LUBRICATE ALL OF THE VITON SEAL WITH DOW CORNING 710 FLUID LUBRICANT. THEN TEST THE CYLINDER FOR PROPER ACTUATION AND Wipe OUT ANY EXCESS OIL. DOW CORNING 710 IS NOT DESIRABLE IN THE VACUUM. CARE MUST BE EXERCISED TO AVOID CONTAMINATION OF THE VACUUM CHAMBER DURING ASSEMBLY, TEST AND SHIPMENT.
  7. MAGNETIC STRIP SHALL BE ORIENTED FOR REED SWITCH.

REFERENCE SOURCE:  
TRD MANUFACTURING, INC.  
7407 EDWARDS DRIVE  
ROCKFORD, IL 61114  
PHONE: (815) 654-7775

EAM CORPORATION  
P.O. BOX 2480  
WEST LAFAYETTE  
IND 47906  
PHONE: 317-497-6364

ITEM	QUANTITY	DESCRIPTION	BY	CHKD	DATE
1	1	535 WAS 1.378MPR WAS MPH	J.G.	J.C.	8/31/94

DESIGN NUMBER	NOMENCLATURE OR DESCRIPTION		MATERIAL - SPEC	QTY
A1929901	A4 HEAVY LOAD PNEUMATIC 39mm - 8" LINEAR ACTUATOR NONROTATING CYLINDER TRIPLE ROD CYLINDER MODIFICATION			

DESIGNED BY	DATE	DESIGNED BY	DATE
R. KRACKORA	6/94	D. SHU	6/29/94
J. CHANG	6/27/94	T. MUKIZAY	6/30/94

REVIEWED BY	DATE	REVIEWED BY	DATE
R. KRACKORA	6/94	J. CHANG	6/27/94

SCALE	1:1	SHEET	1 of 1
P4105090104-830101-01			